CRF Errors Corrected by the S●●C Systems Branch

Serial Number: 09/726,643    ENTERED    CRF Processing Date: 12/18/2000
                                         Edited by: A
                                         Verified by: _____ (STIC staff

☐ Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line. #3

Edited a format error in the Current Application Data section, specifically:
_____

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:.
_____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
_____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:
_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:
_____

✓ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as_____.

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:
_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:
_____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other:
_____
_____

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.
                                                                    3/1/95

RAW SEQUENCE LISTING                DATE: 12/28/2000
PATENT APPLICATION:  US/09/726,643    TIME: 12:25:16

Input Set : A:\Pto.amc
Output Set: N:\CRF3\12282000\I726643.raw

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        2 <110> APPLICANT: Ruben et al.
        4 <120> TITLE OF INVENTION: 26 Human secreted proteins
        6 <130> FILE REFERENCE: PZ040P1
C-->    8 <140> CURRENT APPLICATION NUMBER: US/09/726,643
        9 <141> CURRENT FILING DATE: 2000-12-01
       11 <150> PRIOR APPLICATION NUMBER: PCT/US00/15187
       12 <151> PRIOR FILING DATE: 2000-06-02
       14 <150> PRIOR APPLICATION NUMBER: 60/137,725
       15 <151> PRIOR FILING DATE: 1999-06-07
       17 <160> NUMBER OF SEQ ID NOS: 190
       19 <170> SOFTWARE: PatentIn Ver. 2.0
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       24 <212> TYPE: DNA
       25 <213> ORGANISM: Homo sapiens
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       30 tctcccggac tcctgaggtc acatgcgtgg tggtggacgt aagccacgaa gaccctgagg   180
       31 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg   240
       32 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact   300
       33 ggctgaatgg caaggagtac aagtgcaagg tctccaacaa agccctccca acccccatcg   360
       34 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc   420
       35 catcccggga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct   480
       36 atcccagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga   540
       37 ccacgcctcc cgtgctggac tccgacggct ccttcttcct ctacagcaag ctcaccgtgg   600
       38 acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggctctgc   660
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       40 gactctagag gat                                                       733
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       44 <211> LENGTH: 5
       45 <212> TYPE: PRT
       46 <213> ORGANISM: Homo sapiens
       48 <220> FEATURE:
       49 <221> NAME/KEY: Site
       50 <222> LOCATION: (3)
       51 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally ocurring L-amino acids
       53 <400> SEQUENCE: 2
       54 Trp Ser Xaa Trp Ser
       55   1           5
       57 <210> SEQ ID NO: 3
       58 <211> LENGTH: 86
       59 <212> TYPE: DNA
       60 <213> ORGANISM: Artificial Sequence
W-->   61 <220> FEATURE:
       62 <221> NAME/KEY: Primer_Bind
       63 <223> OTHER INFORMATION: Synthetic sequence with 4 tandem copies of the GAS binding site found in
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**RAW SEQUENCE LISTING**  
PATENT APPLICATION:  US/09/726,643

DATE: 12/28/2000  
TIME: 12:25:16

Input Set : A:\Pto.amc  
Output Set: N:\CRF3\12282000\I726643.raw

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     64        the IRF1 promoter (Rothman et al., Immunity 1:457-468 (1994)), 18 nucleotides
     65        complementary to the SV40 early promoter, and a Xho I restriction site.
     67  <400> SEQUENCE: 3
     68  gcgcctcgag atttccccga aatctagatt tccccgaaat gatttccccg aaatgatttc        60
     69  cccgaaatat ctgccatctc aattag                                            86
     72  <210> SEQ ID NO: 4
     73  <211> LENGTH: 27
     74  <212> TYPE: DNA
     75  <213> ORGANISM: Artificial Sequence
W--> 76  <220> FEATURE:
     77  <221> NAME/KEY: Primer_Bind
     78  <223> OTHER INFORMATION: Synthetic sequence complementary to the SV40 promter; includes a Hind III
     79        restriction site.
     81  <400> SEQUENCE: 4
     82  gcggcaagct ttttgcaaag cctaggc                                            27
     85  <210> SEQ ID NO: 5
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     87  <212> TYPE: DNA
     88  <213> ORGANISM: Artificial Sequence
W--> 89  <220> FEATURE:
     90  <221> NAME/KEY: Protein_Bind
     91  <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes GAS binding
     92        sites found in the IRF1 promoter (Rothman et al., Immunity 1.457-468 (1994)).
     94  <400> SEQUENCE: 5
     95  ctcgagattt ccccgaaatc tagatttccc cgaaatgatt tccccgaaat gatttccccg        60
     96  aaatatctgc catctcaatt agtcagcaac catagtcccg cccctaactc cgcccatccc       120
     97  gcccctaact ccgcccagtt ccgcccattc tccgccccat ggctgactaa ttttttttat       180
     98  ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt       240
     99  ttttggaggc ctaggctttt gcaaaaagct t                                      271
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    102  <211> LENGTH: 32
    103  <212> TYPE: DNA
    104  <213> ORGANISM: Artificial Sequence
W--> 105  <220> FEATURE:
    106  <221> NAME/KEY: Primer_Bind
    107  <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1 promoter sequence
    108        (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a Xho I restriction site.
    110  <400> SEQUENCE: 6
    111  gcgctcgagg gatgacagcg atagaacccc gg                                      32
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    115  <211> LENGTH: 31
    116  <212> TYPE: DNA
    117  <213> ORGANISM: Artificial Sequence
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    119  <221> NAME/KEY: Primer_Bind
    120  <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1 promoter sequence
    121        (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a Hind III restriction
    122        site.
    124  <400> SEQUENCE: 7
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RAW SEQUENCE LISTING                    DATE: 12/28/2000
PATENT APPLICATION:  US/09/726,643      TIME: 12:25:16

Input Set : A:\Pto.amc
Output Set: N:\CRF3\12282000\I726643.raw

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      130 <212> TYPE: DNA
      131 <213> ORGANISM: Homo sapiens
      133 <400> SEQUENCE: 8
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      139 <212> TYPE: DNA
      140 <213> ORGANISM: Artificial Sequence
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      142 <221> NAME/KEY: Primer_Bind
      143 <223> OTHER INFORMATION: Synthetic primer with 4 tandem copies of the NF-KB binding site
      144      (GGGGACTTTCCC), 18 nucleotides complementary to the 5' end of the SV40 early
      145      promoter sequence, and a XhoI restriction site.
      147 <400> SEQUENCE: 9
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      149 ccatctcaat tag                                                73
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      154 <212> TYPE: DNA
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      157 <221> NAME/KEY: Protein_Bind
      158 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes NF-KB binding
      159      sites.
      161 <400> SEQUENCE: 10
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      163 caattagtca gcaaccatag tcccgcccct aactccgccc atcccgcccc taactccgcc   120
      164 cagttccgcc cattctccgc cccatggctg actaatttttt tttatttatg cagagggcga   180
      165 ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg   240
      166 ctttgcaaa aagctt                                              256
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      171 <212> TYPE: DNA
      172 <213> ORGANISM: Homo sapiens
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      176 aaggccagtg cccagcttga aggttctgtc acctttgca gtggtccaaa tgagaaaaaa   120
      177 gtggaaaatg ggaggcatga aatacatctt ttcgttgttg ttctttcttt tgctagaagg   180
      178 aggcaaaaca gagcaagtaa aacattcaga gacatattgc atgtttcaag acaagaagta   240
      179 cagagtgggt gagagatggc atccttacct ggaaccttat gggttggttt actgcgtgaa   300
      180 ctgcatctgc tcagagaatg ggaatgtgct ttgcagccga gtcagatgtc caaatgttca   360
      181 ttgcctttct cctgtgcata ttcctcatct gtgctgccct cgctgccag aagactcctt   420
      182 accccagtg aacaataagg tgaccagcaa gtcttgcgag tacaatggga caacttacca   480
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      184 ccagtgcagc tgttcggagg gaaacgtgta ttgtggtctc aagacttgcc ccaaattaac   600
      185 ctgtgccttc ccagtctctg ttccagattc ctgctgccgg gtatgcagag gagatggaga   660
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186 actgtcatgg gaacattctg atggtgatat cttccggcaa cctgccaaca gagaagcaag       720
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188 ccgcttttcct gggccagaa gtcaccgggg agctcttatg gattccagc aagcatcagg        840
189 aaccattgtg caaattgtca tcaataacaa acacaagcat ggacaagtgt gtgtttccaa        900
190 tggaaagacc tattctcatg gcgagtcctg gcacccaaac ctccgggcat ttggcattgt        960
191 ggagtgtgtg ctatgtactt gtaatgtcac caagcaagag tgtaagaaaa tccactgccc      1020
192 caatcgatac ccctgcaagt atcctcaaaa aatagacgga aaatgctgca agtgtgtcc       1080
193 agaagaactt ccaggccaaa gctttgacaa taaaggctac ttctgcgggg aagaaacgat      1140
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198 ccagatgtgt tcaagtcgtg tatgcagaac agagcttgaa gatttagtca aggttttgta      1440
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200 gcaagaaaac tcaagctgca gctggactgc aggcttattt tgcttaagtc aacagtgccc     1560
201 taaaactcca aactcaaatg cagtcaatta ttcacgccat gcacagcata atttgctcct     1620
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207 gttaagtcaa agtagaaacc ctccagtgtt tggtgttgtg tagagaatag gacatagggt    1980
208 aaagaggcca agctgcctgt agttagtaga gaagaatgga tgtggttctt cttgtgtatt    2040
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210 cattttctag ttaactcatg taaacaagta agagtaacat aacagtatta ccctttcact    2160
211 gttctcacag gacatgtacc taattatggt acttatttat gtagtcactg tattctgga    2220
212 tttttaaatt aataaaaaag ttaattttga aaaatcaaaa aaaaaaaaa aaaagtcgac     2280
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219 <213> ORGANISM: Homo sapiens
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224 tgacgggccc aacagaccca tgctgcatcc agagacctcc cctggccggg ggcatctcct      180
225 ggctgtgctc ctggccctcc ttggcaccgc ctggccagg gtgtggccac cccagctgca       240
226 ggagcaggct ccgatggccg gagccctgaa caggaaggag agtttcttgc tcctctcct       300
227 gcacaaccgc ctgcgcagct gggtccagcc cctgcggct gacatgcgga ggctggactg        360
228 gagtgacaac ctggcccaac tggctcaagc caggcgcc ctctgtggaa tcccaaccc        420
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231 cagccacgcg gcaggagagt gtgctcgcaa cgccacctgc acccactaca cgcagctcgt       600
232 gtgggccac c tcaagccagc tgggctgtgg gcggcacctg tgctctgcag gccaggcagc      660
233 gatagaagcc tttgtctgtg cctactcccc cggaggcaac tgggagggca acggggaagac      720
234 aatcatcccc tataagaagg gtgcctggtg ttcgctctgc acagccagtg tctcaggctg      780
235 cttcaaagcc tgggaccatg caggggggct ctgtgaggtc cccaggaatc cttgttcgcat     840
236 gagctgccag aaccatggac gtctcaacat cagcacctgc cactgccact gtcccctgg       900
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            RAW SEQUENCE LISTING              DATE: 12/28/2000
            PATENT APPLICATION: US/09/726,643  TIME: 12:25:16

            Input Set : A:\Pto.amc
            Output Set: N:\CRF3\12282000\I726643.raw

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247 tcgcctgccc tgggagcacc ggctctgctt acctgtccgc ccacctgtct ggaacaaggg    1560
248 ccaggttaag accacatgcc tcatgtccaa agaggtctca gaccttcac aatgccagaa     1620
249 gttgggcaga gagaggcagg gaggccagtg agggccaggg agtgagtgtt agaagaagct     1680
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252 cggagcttcc ctgtggcatg aaccccacag ggtattaaat tatgaatcag ctgaaaaaaa    1860
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268 gtgcgccgct tcctctcggt ggtgcagctc aatccttttcc cttcagagtt ggtaaaggcc     360
269 ctactgaatg agctggcctc cgtgaaggtg aatgaggtgg tgcggtacga gggggctac       420
270 gtggtatgcg ctgtgatcgc gggcctctac ctgctgctgg tgcccactgc cgggctttgc      480
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**VERIFICATION SUMMARY**
PATENT APPLICATION:  US/09/726,643

DATE: 12/28/2000
TIME: 12:25:17

Input Set : A:\Pto.amc
Output Set: N:\CRF3\12282000\I726643.raw

L:8 M:270 C: Current Application Number differs, Replaced Current Application Number
L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:61 M:283 W: Missing Blank Line separator, <220> field identifier
L:76 M:283 W: Missing Blank Line separator, <220> field identifier
L:89 M:283 W: Missing Blank Line separator, <220> field identifier
L:105 M:283 W: Missing Blank Line separator, <220> field identifier
L:118 M:283 W: Missing Blank Line separator, <220> field identifier
L:141 M:283 W: Missing Blank Line separator, <220> field identifier
L:156 M:283 W: Missing Blank Line separator, <220> field identifier
L:586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:668 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:898 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:1052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:1154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:1301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
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L:1551 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:2197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
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L:2625 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:2993 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:2996 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:3388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69
L:3391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69
L:3394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69
L:3481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70
L:3863 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81
L:3884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82
L:4812 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:4833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:4921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112
L:4964 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114
L:4979 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:115
L:5857 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151
L:5926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:155
L:5958 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156
L:5961 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156
L:6006 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:158
L:6009 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:158